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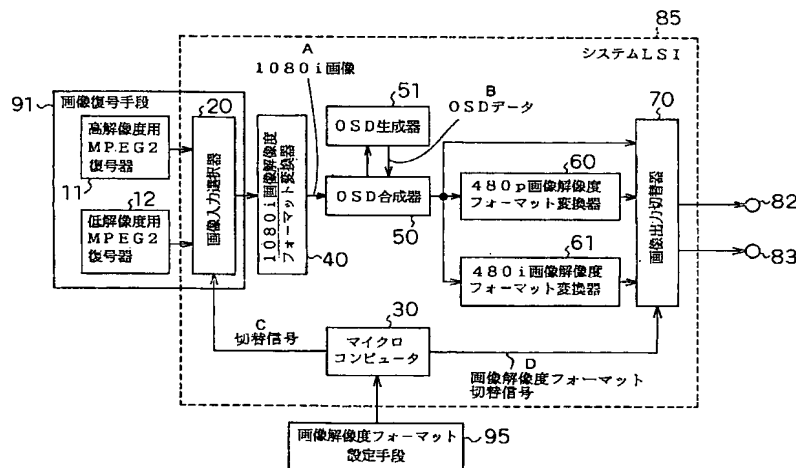
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(54) Title: OSD-SYNTHESIZED IMAGE DECODING DEVICE, OSD-SYNTHESIZED IMAGE DECODING METHOD, PROGRAM, AND RECORDING MEDIUM

(54) 発明の名称: OSD 合成画像復号装置、OSD 合成画像復号方法、プログラム、記録媒体



91...IMAGE DECODING MEANS
11...HIGH-RESOLUTION MPEG2 DECODER
12...LOW-RESOLUTION MPEG2 DECODER
20...IMAGE INPUT SELECTOR
40...1080i IMAGE RESOLUTION FORMAT CONVERTER
A...1080i IMAGE
B...OSD DATA
51...OSD GENERATOR
50...OSD SYNTHESIZER

85...SYSTEM LSI
60...480p IMAGE RESOLUTION FORMAT CONVERTER
61...480i IMAGE RESOLUTION FORMAT CONVERTER
70...IMAGE OUTPUT SELECTOR
C...SWITCHING SIGNAL
30...MICROCOMPUTER
D...IMAGE RESOLUTION FORMAT SWITCHING SIGNAL
95...IMAGE RESOLUTION FORMAT SETTING MEANS

(57) Abstract: When a plurality of display devices having different image resolution formats are simultaneously connected, it is impossible to simultaneously output image data of different image resolution formats. An OSD-synthesized image decoding device includes: selection means (20) for selecting a plurality of decoding image data; conversion means (40) for converting the selected decoding image data into 1080i; OSD generation means (51) for generating OSD for 1080i to

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ABSTRACT

When connections are made to plural display devices having different image resolution formats at the same time, image data cannot be outputted in different image resolution formats at the same time.

An OSD composite image decoding apparatus includes: selection means 20 of selecting plural types of decoded image data; conversion means 40 of converting the selected decoded image data to 1080i; means 51 of generating OSD for 1080i to be synchronously superimposed on the format-converted image data; means 50 of superimposing the generated OSD for 1080i and the image data format-converted to the 1080i image resolution format on each other; means 60,61 of converting the superimposed 1080i image data to 480p or 480i; switching means 70 of switching between 1080i, 480p and 480i for each of output terminals; and processing means 30 of informing the selection means 20 of decoded image data desired to be decoded and instructing the switching means 70 to perform switching so that the decoded image data becomes suited to the image resolution format of an externally connected display device.